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YORK Survey Supply

Mini Temperature & Humidity Meter

Code: 330570

Operating Instructions

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Mini Temperature & Humidity Meter

Introduction

Congratulations on your purchase of this precision thermo-hygrometer. This device measures humidity and air temperature. Advanced features include Auto Power Off and Max/Min reading. Careful use of this meter will provide years of reliable service.

Features

- Resolution 0.1%RH, 0.1°C/0.1°F
- Max Hold and Min Hold Function
- Microprocessor-based design
- Dual display Temperature and Humidity
- Auto Power Off, Disable Sleep Mode
- Backlight

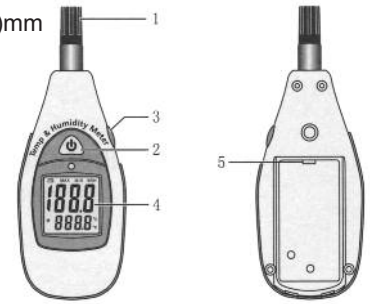
Specifications

Function	Range & Resolution	Accuracy
Humidity	0.0 to 100.0%RH	±3.5%RH (20% to 80%) ±5%RH (0% to 20% & 80% to 100%)
Temperature	-20.0°C to 60.0°C (-4°F to 140°F)	±1°C (0°C to 40°C) ±2°C (-20°C to 0°C & 40°C to 60°C)

Display	Dual digital LCD display with backlight
Sensor Type	A single chip relative humidity and temperature multi sensor module comprising a calibrated digital output
Response Time	<15 seconds (90% of final value in moving air)
Polarity	Automatic, (-) negative polarity indication
Low battery indication	The " " is displayed when the battery voltage drops below the operating level
Operating conditions	0°C to 50°C (32°F to 122°F); <80%RH non-condensing
Storage conditions	-40°C to 85°C (-40°F to 185°F); <99%RH non-condensing
Auto power off	Meter automatically shuts down after approx. 30 minutes of inactivity (Sleep Mode). To override Auto Power Off function (Non-Sleep Mode), firstly press the MAX/MIN button and hold, then press power button, after the display appears, release both buttons. Icon " " will not be shown on the LCD. The unit will not auto power off.
Power	1x standard 9V, NEDA 1604 or 6F22 battery
Battery life	Approx. 48 hours
Dimensions	10(L) x 55(W) x 32(H)mm
Weight	135g

Configuration

1. Humidity and Temperature Sensor
2. Power ON/OFF button
3. MAX/MIN button
4. LCD display
5. °C/°F switch



Indicator

1. Low battery symbol
2. MAX or MIN symbols
3. %RH symbol
4. Humidity value
5. °C/°F symbol
6. Auto power off symbol
7. Temperature symbol

Function

Power

Press the power button to turn power on or off.

Humidity and Air Temperature Measurements

- Hold the probe in the area to be tested and allow adequate time for readings to stabilise.
- Press °C/°F switch to enter selector °C or °F measurement.
- Read the Relative Humidity and Air Temperature.

NOTE: Do not immerse the probe in liquid, it is intended for use in air only.

Minimum (MIN) and Maximum (MAX) Function

The MIN/MAX mode allows the user to view only the lowest (MIN) or highest (MAX) readings.

- Press the MIN/MAX button once and "MAX" appears on the display. The LCD is now displaying the maximum reading of the selected parameter in the display. The display will not change until a higher reading is registered.
- Press the MIN/MAX button again and "MIN" appears on the display. The LCD is now displaying the minimum reading of the selected parameter in the display. The display will not change until a lower reading is registered.
- Press and hold the MIN/MAX button for 3 seconds to exit the MIN/MAX mode and the "MAX" or "MIN" icon will disappear.

Note: While powering on the meter per time, it restarts recording Minimum and Maximum and the recordings don't stop until the meter is turned off.

Battery Replacement

If the sign " " appears on the LCD display, it indicates that the battery should be replaced. Open the battery case and replace the exhausted battery with new battery. (1x standard 9V, NEDA 1604 or 6F22 battery or equivalent)

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